

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("6196059").PN.	US-PGPUB; USPAT	OR	OFF	2009/03/21 18:05
S2	3	aastrup.in. and piezoelectric.ti.	US-PGPUB; USPAT	OR	OFF	2009/03/21 18:08
S3	355	sensor with piezoelectric.ti.	US-PGPUB; USPAT	OR	ON	2009/03/21 18:10
S4	219	sensor with piezoelectric.ti. and piezoelectric with electrode	US-PGPUB; USPAT	OR	ON	2009/03/21 18:54
S5	32	sensor with piezoelectric.ti. and piezoelectric with electrode and channel	US-PGPUB; USPAT	OR	ON	2009/03/21 18:54
S6	166	(73/1.15).OCLS.	US-PGPUB; USPAT	OR	OFF	2009/07/23 16:23
S7	2	S6 and quartz with crystal	US-PGPUB; USPAT	OR	ON	2009/07/23 16:29
S8	1133	piezoelectric with sensor and quartz with crystal and electrode	US-PGPUB; USPAT	OR	ON	2009/07/23 16:29
S9	497	piezoelectric with sensor and quartz with crystal and electrode and (chanel flow adj cell chamber)	US-PGPUB; USPAT	OR	ON	2009/07/23 16:30
S10	672	piezoelectric with sensor and quartz with crystal and electrode and (channel flow adj cell chamber)	US-PGPUB; USPAT	OR	ON	2009/07/23 16:30
S11	10	piezoelectric with sensor with (card cartridge) and quartz with crystal and electrode and (channel flow adj cell chamber)	US-PGPUB; USPAT	OR	ON	2009/07/27 12:21

S12	15	piezoelectric with (card cartridge) and quartz with crystal and electrode and (channel flow adj cell chamber)	US-PGPUB; USPAT	OR	ON	2009/07/27 12:21
S13	369	piezoelectric with (card cartridge) and electrode and (channel flow adj cell chamber)	US-PGPUB; USPAT	OR	ON	2009/07/27 12:22
S14	246028	((("422") or ("436") or ("73"))).CLAS.	US-PGPUB; USPAT	OR	OFF	2009/07/27 12:22
S15	49	S14 and piezoelectric with (card cartridge) and electrode and (channel flow adj cell chamber)	US-PGPUB; USPAT	OR	ON	2009/07/27 12:22
S16	80	piezoelectric with (card cartridge) and electrode and (microfluid\$4 capillar \$3)	US-PGPUB; USPAT	OR	ON	2009/07/27 13:44
S17	246028	((("422") or ("436") or ("73"))).CLAS.	US-PGPUB; USPAT	OR	OFF	2009/07/27 15:00
S18	28	S17 and piezoelectric with (card cartridge) and electrode and (microfluid\$4 capillar \$3)	US-PGPUB; USPAT	OR	ON	2009/07/27 15:00
S19	507	S17 and piezoelectric and electrode and (microfluid\$4 capillar \$3) and (measur\$4 detect\$4) with (concentration analyte)	US-PGPUB; USPAT	OR	ON	2009/07/27 15:05
S20	117	S17 and piezoelectric with (quartz crystal) and electrode and (microfluid\$4 capillar \$3) and (measur\$4 detect\$4) with (concentration analyte)	US-PGPUB; USPAT	OR	ON	2009/07/27 15:05

S21	1	S17 and piezoelectric with (quartz crystal) and electrode and (microfluid\$4 capillar \$3) and (measur\$4 detect\$4) with (concentration analyte) and (piezo piezoelectric) near2 (first adj position insert\$4 mov\$3)	US-PGPUB; USPAT	OR	ON	2009/07/27 15:07
S22	1	S17 and piezoelectric with (quartz crystal) and electrode and (microfluid\$4 capillar \$3) and (measur\$4 detect\$4) with (concentration analyte) and (piezo piezoelectric) near3 (first adj position insert\$4 mov\$3)	US-PGPUB; USPAT	OR	ON	2009/07/27 15:07
S23	21	S17 and piezoelectric with (quartz crystal) and electrode and (microfluid\$4 capillar \$3) and (piezo piezoelectric) near3 (first adj position insert\$4 mov\$3)	US-PGPUB; USPAT	OR	ON	2009/07/27 15:17
S24	21	S17 and piezoelectric with (quartz crystal) and electrode and (microfluid\$4 capillar \$3) and (piezo piezoelectric) near3 (first adj position insert\$4 mov\$3 slid\$4 retract\$4)	US-PGPUB; USPAT	OR	ON	2009/07/27 15:19
S25	0	S17 and piezoelectric with (quartz crystal) and electrode and (microfluid\$4 capillar \$3) and (piezo piezoelectric) near3 (slid\$4 retract\$4)	US-PGPUB; USPAT	OR	ON	2009/07/27 15:19

S26	13	S17 and piezoelectric and electrode and (microfluid\$4 capillar \$3) and (piezo piezoelectric) near3 (slid\$4 retract\$4)	US-PGPUB; USPAT	OR	ON	2009/07/27 15:23
S27	8	S17 and piezoelectric and electrode and (microfluid\$4 capillar \$3) and (piezo piezoelectric) near3 (retract\$4)	US-PGPUB; USPAT	OR	ON	2009/07/27 15:23
S28	9	S17 and piezoelectric and electrode and (microfluid\$4 capillar \$3) and (piezo piezoelectric) near3 (removabl\$3 retract \$4)	US-PGPUB; USPAT	OR	ON	2009/07/27 15:24
S29	1	S17 and piezoelectric and electrode and (microfluid\$4 capillar \$3) and (piezo piezoelectric) near3 (removabl\$3)	US-PGPUB; USPAT	OR	ON	2009/07/27 15:24
S30	31032	shore with hardness	US-PGPUB; USPAT	OR	ON	2009/07/31 14:48
S31	430	shore with hardness same o-ring	US-PGPUB; USPAT	OR	ON	2009/07/31 14:48
S32	197	shore with hardness with o-ring	US-PGPUB; USPAT	OR	ON	2009/07/31 14:48
S33	18	shore with hardness with o-ring and fluid adj tight	US-PGPUB; USPAT	OR	ON	2009/07/31 14:52
S34	5	shore with hardness with o-ring same fluid adj tight	US-PGPUB; USPAT	OR	ON	2009/07/31 14:53
S35	5	shore with hardness with (o adj ring o-ring) same fluid adj tight	US-PGPUB; USPAT	OR	ON	2009/07/31 14:57
S36	97	shore with hardness with (o-ring) same seal\$3	US-PGPUB; USPAT	OR	ON	2009/07/31 14:59
S37	86	shore with hardness with (o-ring) same o-ring with seal\$3	US-PGPUB; USPAT	OR	ON	2009/07/31 14:59

S38	2	(qcm quartz adj crystal adj microbalance) and piezoelectric with electrode with coat\$3 and channel with (liquid fluid)	US-PGPUB; USPAT	OR	ON	2009/08/13 12:12
S39	61	("3744296" "4056803" "4163384" "4399686" "4446720" "4637987" "4730478" "4735081" "5037624" "5042288" "5056355" "5065140" "5095736" "5117146" "5129262" "5138869" "5151110" "5151395" "5208162" "5221871" "5235235" "5235844" "5285677" "5320817" "5323636" "5325704" "5325705" "5339675" "5385689" "5411709" "5417821" "5445008" "5465608" "5476002" "5518528" "5573728" "5661226" "5705399" "5719324" "5795993" "5844125" "5852229" "Re35544").PN. OR ("6029500").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/13 12:13

S40	0	S39 and (qcm quartz adj crystal adj microbalance) and piezoelectric with electrode with coat\$3	US-PGPUB; USPAT	OR	ON	2009/08/13 12:13
S41	5	S39 and piezoelectric with electrode with coat\$3	US-PGPUB; USPAT	OR	ON	2009/08/13 12:13
S42	44	("2385896" "3307052" "3495105" "3727084" "4365515" "4604543" "4658650" "4728844" "5130257" "5334303" "5507178" "5616872" "5705399" "5723773" "5757104" "5789846" "5817921" "5852229" "5866798" "5869748" "5920007").PN. OR ("6196059").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/13 12:15
S43	6	S42 and piezoelectric with electrode with coat\$3	US-PGPUB; USPAT	OR	ON	2009/08/13 12:15
S44	32	(qcm quartz adj crystal adj microbalance) and piezoelectric with electrode and channel with (liquid fluid)	US-PGPUB; USPAT	OR	ON	2009/08/13 12:21
S45	91	piezoelectric with electrode with coat\$3 and channel with (liquid fluid)	US-PGPUB; USPAT	OR	ON	2009/08/13 12:39
S46	13	(qcm quartz adj crystal adj microbalance) and piezoelectric with (size length) with (mm cm)	US-PGPUB; USPAT	OR	ON	2009/08/15 11:16

S47	13	(qcm quartz adj crystal adj microbalance) and piezoelectric with (size length) with (mm)	US-PGPUB; USPAT	OR	ON	2009/08/15 11:16
S48	25	(qcm quartz adj crystal adj microbalance) and piezoelectric with (mm)	US-PGPUB; USPAT	OR	ON	2009/08/15 11:17
S49	7	(qcm quartz adj crystal adj microbalance) and piezoelectric with (mm) with thickness	US-PGPUB; USPAT	OR	ON	2009/08/15 11:20
S50	2404	o-ring with (silicone pdms)	US-PGPUB; USPAT	OR	ON	2009/08/15 13:49
S51	34	o-ring with (pdms)	US-PGPUB; USPAT	OR	ON	2009/08/15 13:49
S52	353	o-ring with (polyurethane)	US-PGPUB; USPAT	OR	ON	2009/08/15 13:49
S53	10	o-ring with (polyurethane) same fluid adj tight	US-PGPUB; USPAT	OR	ON	2009/08/15 13:50

8/15/2009 3:43:00 PM

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